

History of Approved Statistical Inventory Reconciliation (SIR) Vendors

Earlier in the history of the Division, vendors who complied with the terms of a Memorandum of Agreement were placed on a list of "Approved SIR Vendors". Every vendor who made application for such approval and agreed to abide by the terms in the Memorandum received approval. That was before there were any UST Regulations specifically governing this method of release detection.

Tennessee no longer "approves" SIR vendors. Tank owners are advised to familiarize themselves with the regulations pertaining to SIR. The regulations are contained in [Chapter 1200-1-15-.04\(3\)\(h\) \(page 22\)](#). In addition the Division has published a Compliance Guidance Document ([CGD-107](#)) which provides additional information on SIR.

The Division does not maintain an up to date list of SIR vendors or methods. More current information can be found in the NWGLDE List at <http://www.nwglde.org>. The list below is compiled from their list. If you want a specific company address, phone number, or local contact, go to the NWGLDE website and look up the specific company.

The Division encourages vendors to sign the current [Memorandum of Agreement](#), because it provides greater detail on the practice of SIR than is currently contained in state regulations. We also ask that the SIR vendor provide a copy of this Agreement to his clients to help make them aware of the rules and practices of SIR. In addition, SIR vendors can freely advertise that they have voluntarily signed the Tennessee Memorandum of Agreement for conducting SIR. Those failing or refusing to sign the Agreement, can still conduct SIR in Tennessee, but cannot claim that they have signed the agreement.

Tank owners should also be aware that there are some practical limitations on SIR (as with all leak detection methods or equipment). For more information on the limitations for a specific SIR vendor/method, the National Work Group on Leak Detection Evaluations (NWGLDE) produces a listing of the method and parameters. This group is a joint state/EPA effort and has invested thousands of hours evaluating Third Party test results of each leak detection method or piece of equipment. Vendors conducting SIR in Tennessee and the version of SIR being used should be listed in the NWGLDE list or under review by the group. It should be expected that any vendor practicing SIR in Tennessee should be able to show all potential clients evidence of a satisfactory Third Party evaluation and evidence of his listing in the NWGLDE List. Although Tennessee does not endorse or approve SIR vendors, it does not recommend using any SIR method that has not been evaluated or submitted for evaluation by the NWGLDE.

Statistical Inventory Reconciliation Test Method (Qualitative)

VENDOR	EQUIPMENT NAME	LEAK RATE/THRESHOLD/ MAX TANK CAPACITY
Horner Products, Inc.	SIR PRO 1, Versions 1.0, 2.0	0.2 gph/0.1 gph/18,000 gallons (Version 1.0) 0.1 gph/0.05 gph/18,000 gallons (Version 2.0)
Syscorp, Inc.	Store Vision, Version E.2	0.2 gph/0.0834 gph/12,000 gallons

Veeder-Root (originally listed as Entropy Limited)	Precision Tank Inventory Control System, Version 90	0.1 gph/0.04 gph/15,000 gallons
Veeder-Root (originally listed as USTMAN Industries, Inc.)	USTMAN YES SIR 90	0.2 gph/0.1 gph/15,000 gallons

**Statistical Inventory Reconciliation Test Method
(Quantitative)**

VENDOR	EQUIPMENT NAME	LEAK RATE/THRESHOLD/ MAX TANK CAPACITY
Advanced Telemetry, Ltd.	Tanknetics SIR, Version 2.1	0.2 gph/0.10 gph/45,000 gallons 0.1 gph/0.05 gph/45,000 gallons
Computerizing, Inc.	Computank, Version 3.0	0.1 gph/0.05 gph/18,000 gallons
EnviroSIR LLC	EnviroSIR Version 1.0	0.2 gph/0.15 gph/45,000 gallons 0.1 gph/0.05 gph/45,000 gallons
Horner Products, Inc.	SIR PRO 1 Version 3.0	0.2 gph/0.1 and 0.16 gph/45,000 gallons
	SIR PRO 1 Version 4.0	0.1 gph/0.05 gph/33,000 gallons
Precision Tank Service, Inc.	TotalSir Version 1.0	0.2 gph/0.1 and 0.16 gph/45,000 gallons
Simmons Corp.	SIR 5.7	0.1 gph/0.05 gph/18,000 gallons
	SIR 5.7 LM	0.2 gph/0.10 gph/60,000 gallons 0.1 gph/0.05 gph/60,000 gallons
SIR International, Inc.	Mitchell's SIR Program Versions 2.6, 2.7	0.1 gph/0.05 gph/45,000 gallons
SIR Monitor (originally listed as Environmental Management Technologies)	SIR Monitor	0.1 gph/0.05 gph/18,000 gallons

Sir Phoenix, Inc.	SIR Phoenix	0.1 gph/0.05 gph/18,000 gallons
	SIR Phoenix LEOMA V01.50	0.2 gph/0.01 gph/18,000 gallons for single tanks, and 45,000 gallons for manifolded tanks
TeleData, Inc.	TankMate, Versions 3.12, 3.20	0.1 gph/0.05 gph/60,000 gallons
Veeder-Root (originally listed as Entropy Limited)	Precision Tank Inventory Control System, Revision 90	0.1 gph/0.05 gph/22,500 gallons
Veeder-Root (originally listed as USTMAN Industries, Inc.)	USTMAN SIR 1.91	0.1 gph/0.05 gph/18,000 gallons
	USTMAN SIR, Version 94.1	0.1 gph/0.05 gph/30,000 gallons
	USTMAN SIR, Versions 95.2, 95.2A, 95.2B	0.1 gph/0.05 gph/60,000 gallons (Version 95.2) 0.2 gph/0.1 gph/60,000 gallons (Version 95.2A) 0.2 gph/0.16 gph/60,000gallons (Version 95.2B)
Veeder-Root (originally listed as Watson Systems, Inc. and EnviroQuest Technologies Limited)	Watson SIRAS Software System Versions 2.0, 2.8.3	0.2 gph/0.1 gph/30,000 gallons 0.1 gph/0.05 gph/30,000 gallons
Warren Rogers Associates, Inc.	WRA Statistical Inventory Analysis, Version 5.1	0.1 gph/0.05 gph/18,000 gallons
	WRA Statistical Inventory Analysis, Version 5.2	0.1 gph/0.05 gph/36,000 gallons